

Data File : VW002878.D
Acq On : 25 May 2018 17:25
Operator : JC/SY
Sample : J3078-07
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 26 01:03:24 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 03:32:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	207069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	171235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68912	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	99765	84.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	168.68%	
35) Dibromofluoromethane	7.88	113	87524	66.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.26%	
50) Toluene-d8	10.33	98	223975	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
62) 4-Bromofluorobenzene	12.63	95	75998	41.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.18%	

Target Compounds

						Qvalue
20) Methylene Chloride	4.91	84	24953	23.67	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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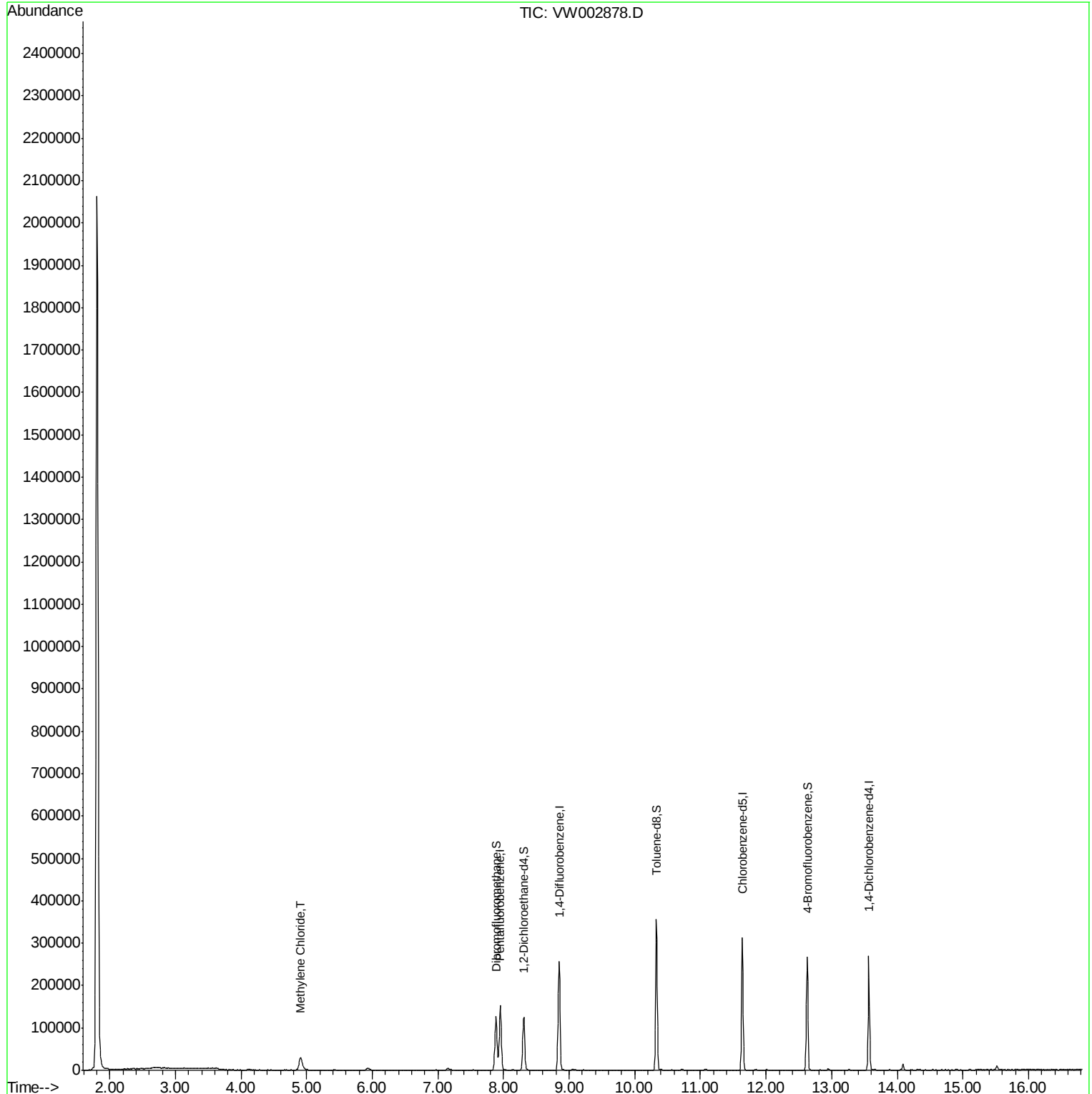
Quant Time: May 26 01:03:24 2018

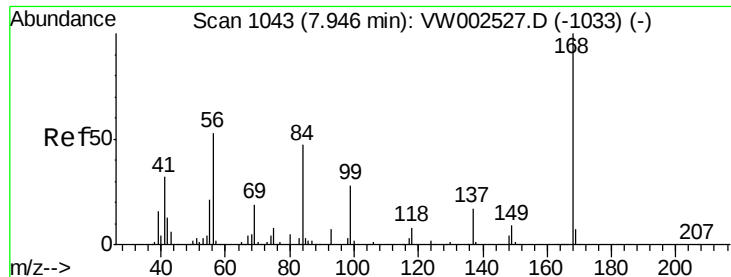
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M

Quant Title : SW846 8260

QLast Update : Tue May 15 03:32:11 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002878.D

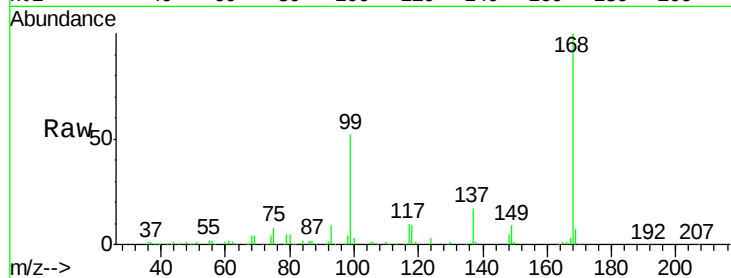
Acq: 25 May 2018 17:25

Tgt Ion: 168 Resp: 114475

Ion Ratio Lower Upper

168 100

99 52.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

30000

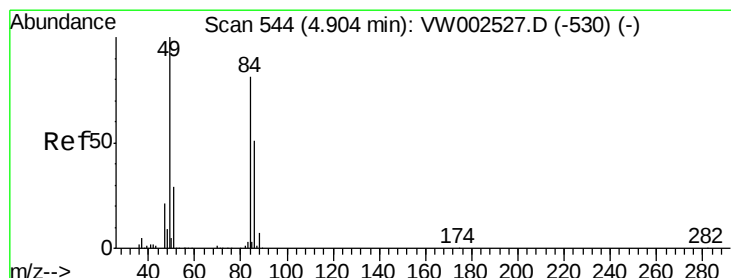
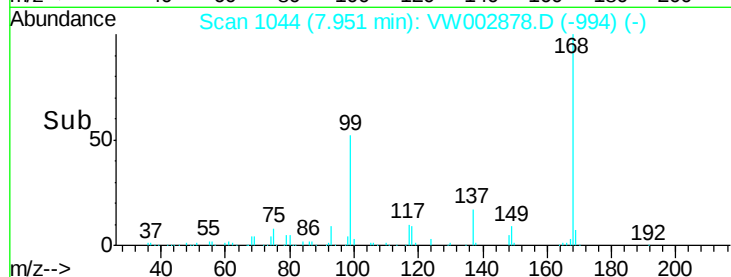
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 23.67 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

Tgt Ion: 84 Resp: 24953

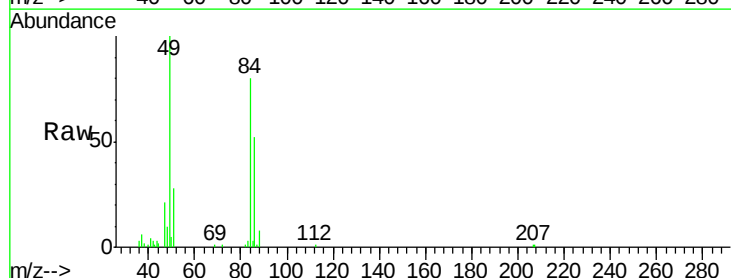
Ion Ratio Lower Upper

84 100

49 125.4 99.4 149.0

51 34.9 29.0 43.6

86 65.7 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

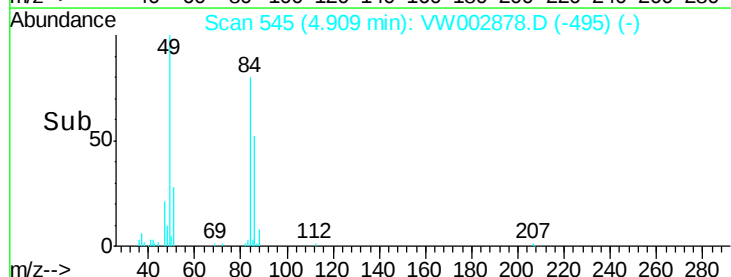
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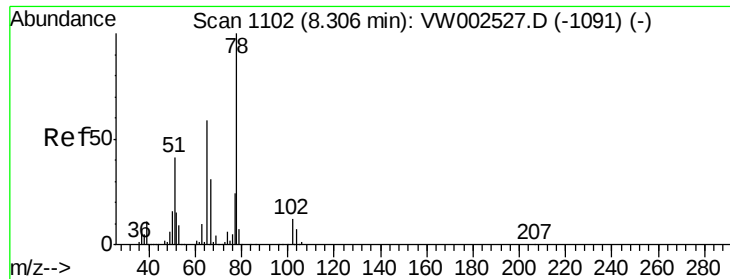
5000

0

4.80 4.90 5.00 5.10

Time-->





#33

1,2-Dichloroethane-d4

Concen: 84.34 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW002878.D

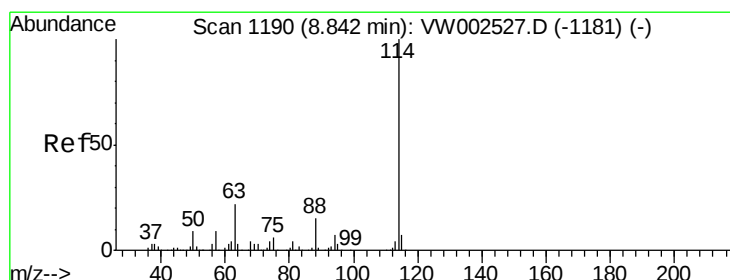
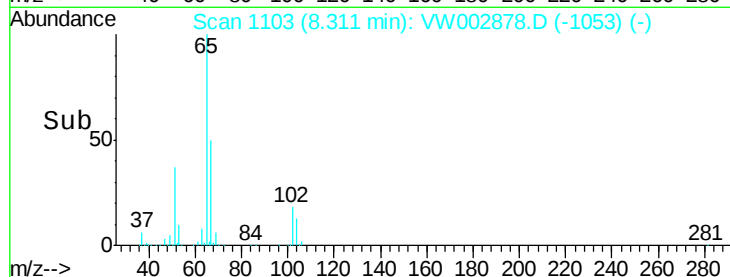
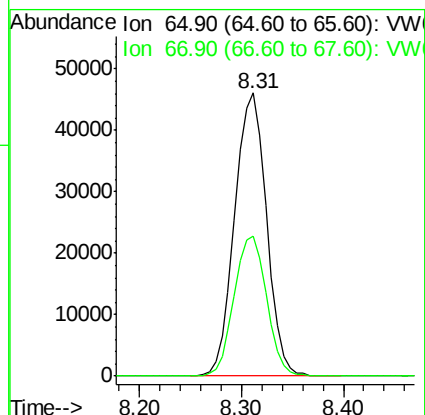
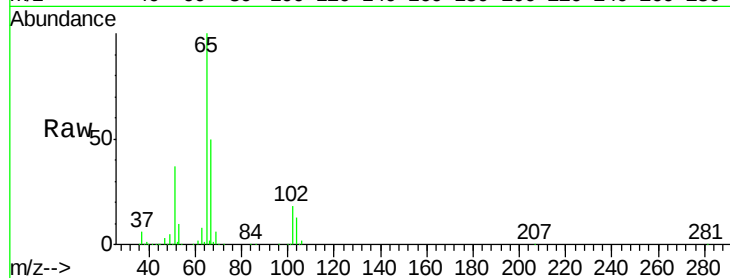
Acq: 25 May 2018 17:25

Tgt Ion: 65 Resp: 99765

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.01 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

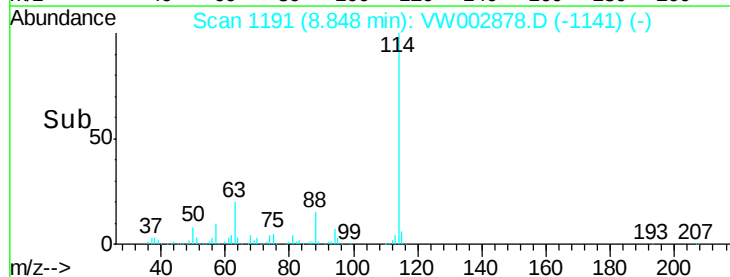
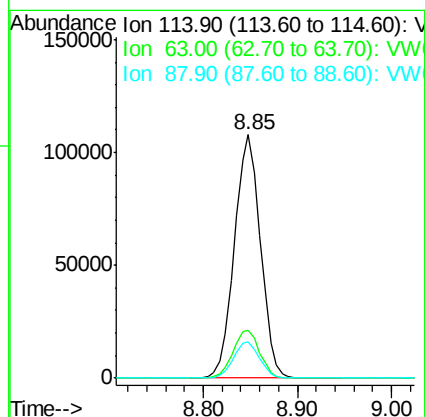
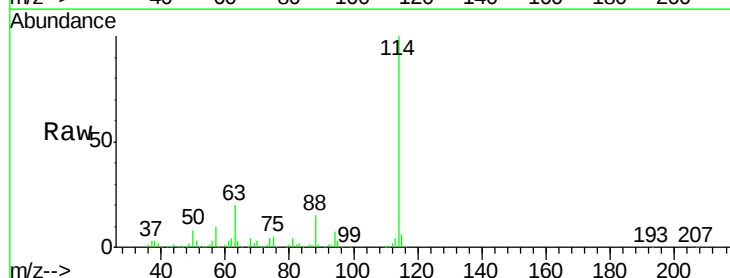
Tgt Ion: 114 Resp: 207069

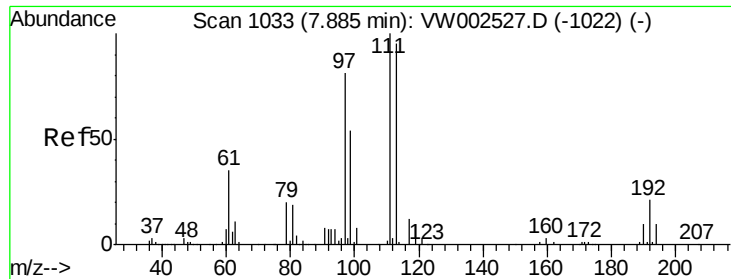
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.0 0.0 29.2

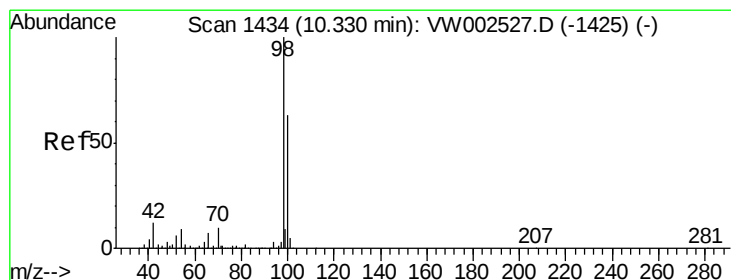
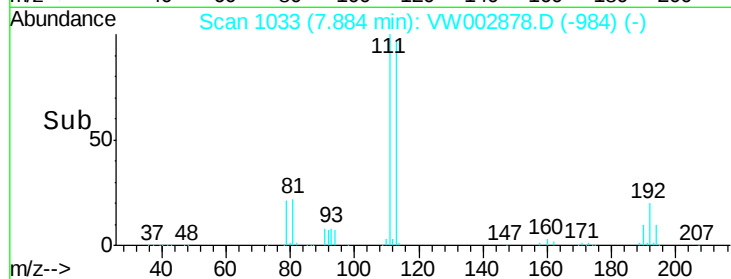
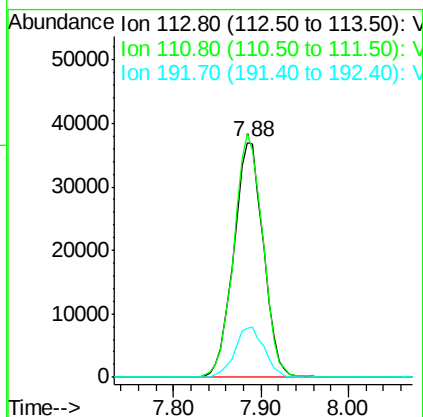
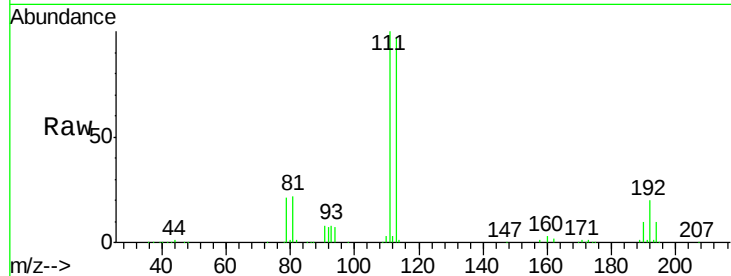




#35
 Dibromofluoromethane
 Concen: 66.63 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002878.D
 Acq: 25 May 2018 17:25

Tgt Ion: 113 Resp: 87524

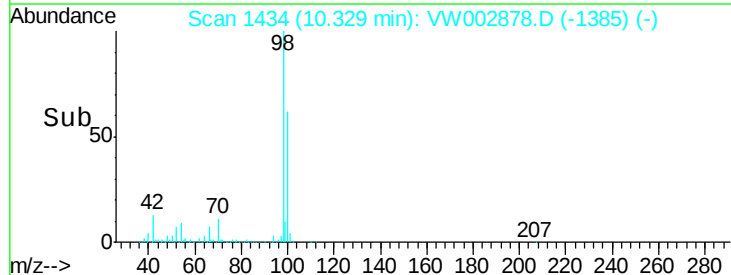
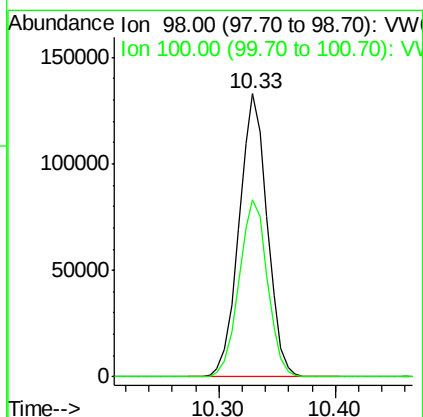
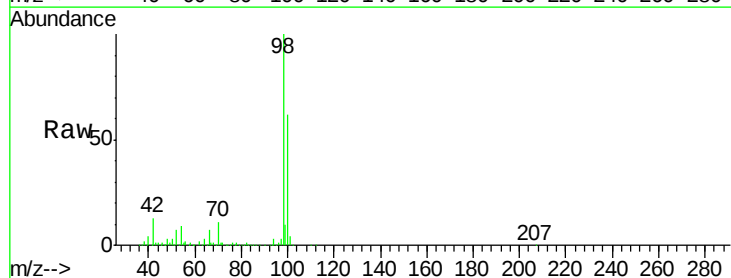
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	21.2	17.5	26.3

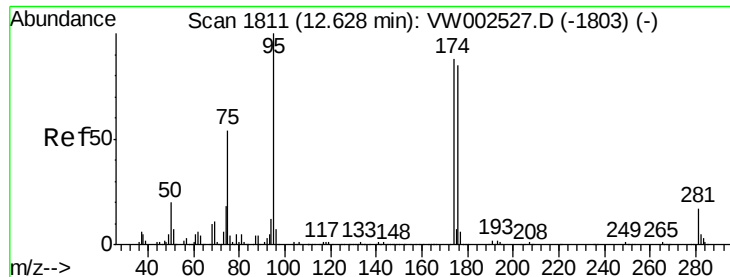


#50
 Toluene-d8
 Concen: 44.81 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002878.D
 Acq: 25 May 2018 17:25

Tgt Ion: 98 Resp: 223975

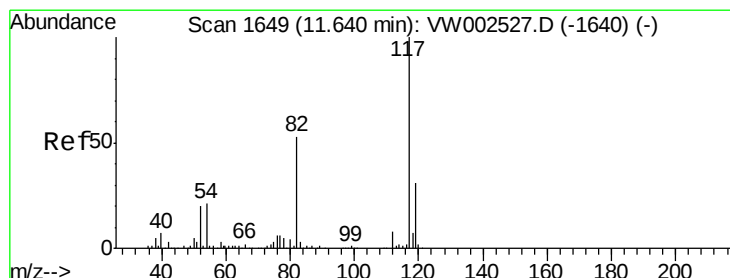
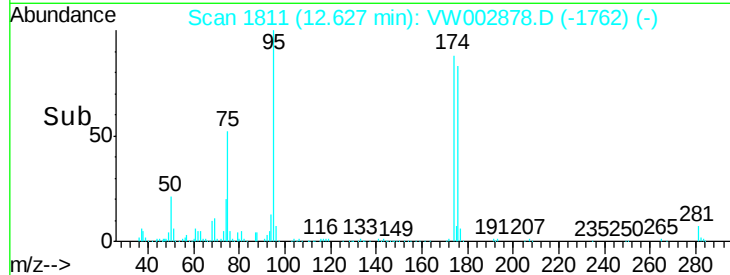
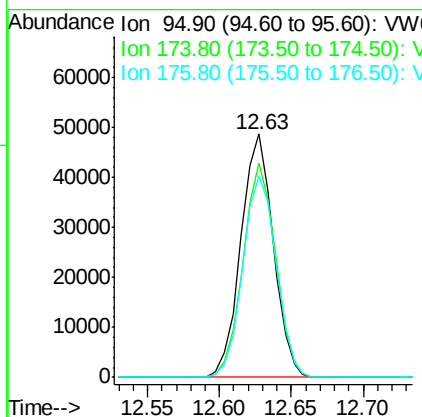
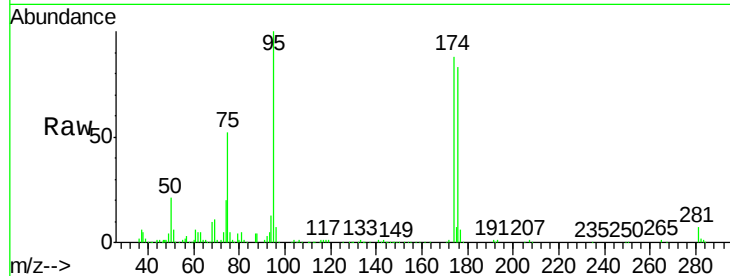
Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.0	76.4





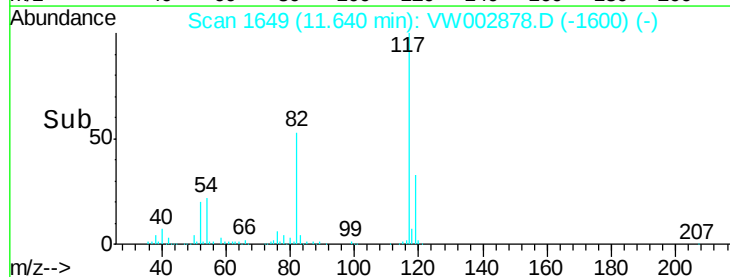
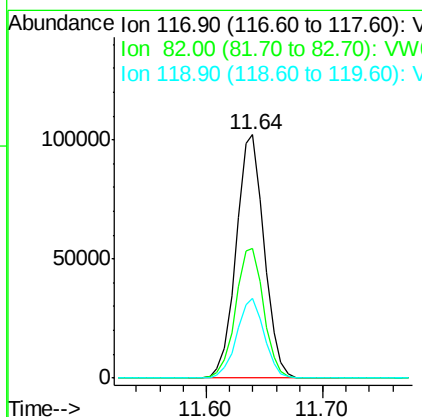
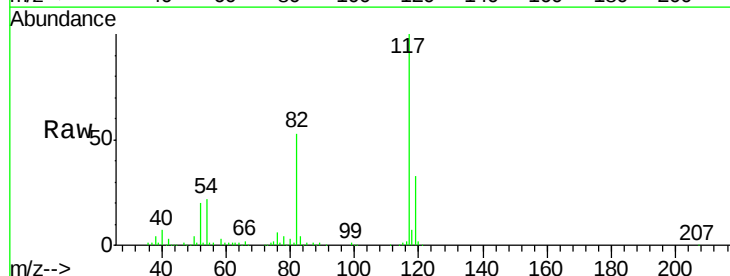
#62
4-Bromofluorobenzene
Concen: 41.59 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002878.D
Acq: 25 May 2018 17:25

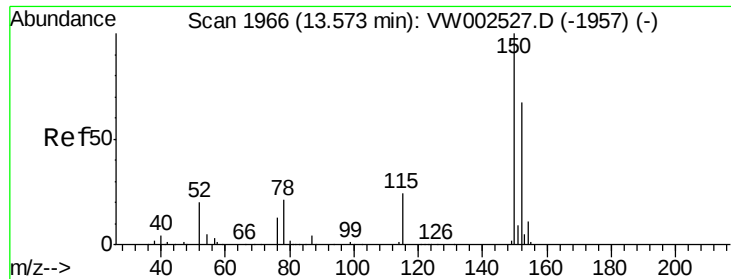
Tgt Ion: 95 Resp: 75998
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 85.1 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002878.D
Acq: 25 May 2018 17:25

Tgt Ion: 117 Resp: 171235
Ion Ratio Lower Upper
117 100
82 53.1 42.6 64.0
119 32.8 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.01 min

Lab File: VW002878.D

Acq: 25 May 2018 17:25

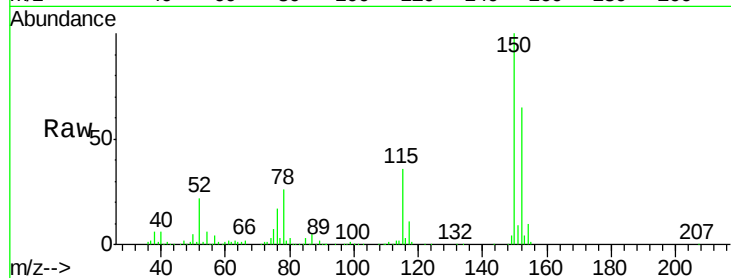
Tgt Ion:152 Resp: 68912

Ion Ratio Lower Upper

152 100

115 56.5 28.0 84.0

150 154.8 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

